

*Sept 20*  
~~27. A process for manufacturing a silicon/silicon carbide composite according to claim 10, wherein the porous carbon body produced by said first step is heated at a temperature of 1100°C to 2000°C in an atmosphere of halogen gas to be purified prior to the second step.~~

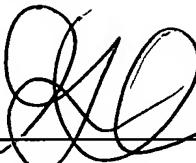
*A5*  
~~28. A process for manufacturing a silicon/silicon carbide composite according to claim 13, wherein the porous carbon body produced by said first step is heated at a temperature of 1100°C to 2000°C in an atmosphere of halogen gas to be purified prior to the second step.~~

~~29. A process for manufacturing a silicon/silicon carbide composite according to claim 14, wherein the porous carbon body produced by said first step is heated at a temperature of 1100°C to 2000°C in an atmosphere of halogen gas to be purified prior to the second step.~~

#### REMARKS

Applicants respectfully request that the foregoing amendments to claims 3, 4, 8, 9, 11, 12 15 and new claims 18-29 be entered in order to avoid this application incurring a surcharge for the presence of one or more multiple dependent claims.

Respectfully submitted,

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**Version with Markings to Show Changes Made**

3. (Amended) A silicon/silicon carbide composite according to claim 1 [or 2], wherein said silicon/silicon carbide composite includes a dummy wafer with a silicon carbide film having a thickness of 30 to 150  $\mu\text{m}$  formed on the surface thereof, said dummy wafer having a total thickness of 0.5 to 1 mm.

4. (Amended) A silicon/silicon carbide composite according to claim 1 [or 2], said silicon/silicon carbide composite includes a semiconductor heat treatment member.

8. (Amended) A process for manufacturing a silicon/silicon carbide composite according to claim 6 [or 7], wherein the length of each cellulose fiber is 1.5 mm or more.

9. (Amended) A process for manufacturing a silicon/silicon carbide composite according to claim 6 [or 7], wherein said cellulose fiber is paper pulp.

11. (Amended) A process for manufacturing a silicon/silicon carbide composite according to claim 6[, 7 or 10], wherein the bulk density of the porous carbon body produced by said first step is 0.70 g/cm<sup>3</sup> or less.

12. (Amended) A process for manufacturing a silicon/silicon carbide composite according to claim 6[, 7, or 10], in which a silicification treatment in said second step is conducted by either a reaction with fused silicon or a reaction with silicon monoxide gas.

15. (Amended) A process for manufacturing a silicon/silicon carbide composite according to claim 6[, 7, 10, 13 or 14], wherein the porous carbon body

produced by said first step is heated at a temperature of 1100°C to 2000°C in an atmosphere of halogen gas to be purified prior to the second step.

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